

GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: September 4, 2002, 13:50:15; Search time 127.89 Seconds
(Without alignments)
3793.308 Million cell updates/sec

Title: US-09-052-089A-8

Perfect score: 1975

Sequence: 1 GGCACGAGGTGGTGGAGC.....CAAAAAAAAAAAAAAAAAAAAA 1975

Scoring table: IDENTITY_NUC
Gapop 10.0, Gapext 1.0

Searched: 383533 seqs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1975	100.0	1975	4	US-09-052-089A-8
2	1075.4	54.5	2065	2	US-08-968-751-1
3	1062.8	53.8	2007	4	US-09-052-089A-7
4	64	3.2	7218	1	US-08-232-463-14
5	46.2	2.3	15378	3	US-08-785-420-1
6	44.4	2.2	16442	3	US-08-781-891-208
7	40.4	2.0	3489	2	US-08-728-323A-1
8	40.4	2.0	32207	2	US-08-770-379-20
9	40.4	2.0	32207	4	US-08-757-669A-20
10	40.4	2.0	32207	4	US-09-230-371A-20
11	40.2	2.0	51259	3	US-08-781-891-209
12	39.4	2.0	2040	2	US-08-533-669A-5
13	38.2	1.9	2133	4	US-09-187-124-1
14	37.2	1.9	2623	3	US-09-234-332-6
15	36.8	1.9	2074	4	US-08-630-915A-19
16	36	1.8	5661	4	US-08-938-105-2
17	35.8	1.8	2580	4	US-09-050-663-2
18	35.8	1.8	2580	4	US-09-359-081-2
19	35.8	1.8	5452	2	US-09-130-114-1
20	35.8	1.8	9600	4	US-08-910-647-1
21	35.8	1.8	10596	1	US-07-884-811-15
22	35.8	1.8	10596	1	US-07-885-971-15
23	35.8	1.8	10596	1	US-08-087-783A-15
24	35.8	1.8	10596	1	US-08-194-088B-15
25	35.8	1.8	10596	2	US-08-194-087-15
26	35.8	1.8	10596	5	PCT-US93-04648-15
27	35.4	1.8	1768	3	US-09-150-133-2

28	35.4	1.8	1768	3	US-09-150-141-2	Sequence 2, Appl1
29	35.4	1.8	1768	4	US-09-374-493-2	Sequence 2, Appl1
30	35.4	1.8	1768	4	US-09-374-824-2	Sequence 2, Appl1
31	35.4	1.8	1768	4	US-09-374-492-2	Sequence 2, Appl1
32	35.4	1.8	2260	1	US-07-794-393-3	Sequence 3, Appl1
33	35.4	1.8	2260	1	US-08-001-711-3	Sequence 3, Appl1
34	35.4	1.8	3946	1	US-08-077-848A-1	Sequence 1, Appl1
35	35.4	1.8	3946	3	US-09-211-640-1	Sequence 1, Appl1
36	35.4	1.8	3946	4	US-09-378-536-1	Sequence 1, Appl1
37	35.4	1.8	3946	5	PCT-US94-03547-1	Sequence 1, Appl1
38	35.2	1.8	285	4	US-09-020-956-153	Sequence 153, App
39	35.2	1.8	285	4	US-09-030-607-153	Sequence 153, App
40	35.2	1.8	285	4	US-09-439-313-153	Sequence 2, Appl1
41	35	1.8	1033	2	US-08-807-050-2	Sequence 5, Appl1
42	35	1.8	2283	4	US-09-153-804-5	Sequence 43, Appl1
43	34.8	1.8	1228	3	US-09-248-335-43	Sequence 1, Appl1
44	34.8	1.8	2653	1	US-08-325-553-1	Sequence 1, Appl1
45	34.8	1.8	2653	2	US-08-394-152A-1	Sequence 1, Appl1

ALIGNMENTS

```

RESULT 1
US-09-052-089A-8
: Sequence 8, Application US/09052089A
: Patent No. 6346605
: GENERAL INFORMATION:
:   APPLICANT: Lee, Soo Y.
:   TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
:   FAMILY, AND USUS THEROP
:   NUMBER OF SEQUENCES: 16
:   CORRESPONDENCE ADDRESS:
:   ADDRESSEE: David A. Jackson, Esq.
:   STREET: 411 Hackensack Ave, Continental Plaza, 4th
:   Floor
:   CITY: Hackensack
:   STATE: New Jersey
:   COUNTRY: USA
:   ZIP: 07601
: COMPUTER READABLE FORM:
:   MEDIUM TYPE: Floppy disk
:   COMPUTER: IBM PC compatible
:   OPERATING SYSTEM: PC-DOS/MS-DOS
:   SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
:   APPLICATION NUMBER: US/09/052,089A
:   FILING DATE: 31-Mar-1998
:   CLASSIFICATION: <unknown>
: ATTORNEY/AGENT INFORMATION:
:   NAME: Jackson Esq., David A.
:   REGISTRATION NUMBER: 26,742
:   REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
: TELECOMMUNICATION INFORMATION:
:   TELEPHONE: 201-487-5800
:   TELEFAX: 201-343-1684
: INFORMATION FOR SEQ ID NO: 8:
:   SEQUENCE CHARACTERISTICS:
:     LENGTH: 1975 base pairs
:     TYPE: nucleic acid
:     STRANDEDNESS: double
:     TOPOLOGY: linear
:   MOLECULE TYPE: cDNA
:   HYPOTHETICAL: NO
:   ORIGINAL SOURCE:
:     ORGANISM: mouse
:   SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-052-089A-8

Query Match      100.0%; Score 1975; DB 4; Length 1975;
Best Local Similarity 100.0%; Pred. No. 0;

```

Matches 1975: Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Oy 1 GGCACAGAGTGGGGGAGCGAAATTTGAGGAGACCGGCGGTGGCGGTCCACCAAA 60
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1 GGCACAGAGTGGGGGAGCGAAATTTGAGGAGACCGGCGGTGGCGGTCCACCAAA 60
Oy 61 CTGTGTCTGTCTGTGGCAGCTGGTTCCTGGGCTGCTTGTAGTGCAGCCATCATGCTATC 120
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 61 CTGTGTCTGTCTGTGGCAGCTGGTTCCTGGGCTGCTTGTAGTGCAGCCATCATGCTATC 120
Oy 121 CTCTCTCTGTGCATATCTGCTCCGACTTCTTGATGCATCTCCCGTGACGTGGCTGCATC 180
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 121 CTCTCTCTGTGCATATCTGCTCCGACTTCTTGATGCATCTCCCGTGACGTGGCTGCATC 180
Oy 181 CACTGTGGCACAATTTTCATCTGCATGTCCATTCACAGTGGTTTGAGACACCAAGT 240
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 181 CACTGTGGCACAATTTTCATCTGCATGTCCATTCACAGTGGTTTGAGACACCAAGT 240
Oy 241 CGGACCTGCCCCACAGTGTAGAAATCCAGTTGGCAAAAAGACTTTTAAACAACCTTTTC 300
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 241 CGGACCTGCCCCACAGTGTAGAAATCCAGTTGGCAAAAAGACTTTTAAACAACCTTTTC 300
Oy 301 TTTTGACCTCGCCACAGAGAGAGAGATGTCTTGATGCAGAAATCTTAAAGATGACTG 360
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 301 TTTTGACCTCGCCACAGAGAGAGAGATGTCTTGATGCAGAAATCTTAAAGATGACTG 360
Oy 361 GACACGCTCAAGCTCAGCTTCCAGAAAGACAGGAGAAAGGAGACAGCCAGCCCAT 420
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 361 GACACGCTCAAGCTCAGCTTCCAGAAAGACAGGAGAAAGGAGACAGCCAGCCCAT 420
Oy 421 ATCGACACTTACGGGACACCCCTGGAAGAACGCAATGCTACCGTGAGTCCCTACAGAC 480
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 421 ATCGACACTTACGGGACACCCCTGGAAGAACGCAATGCTACCGTGAGTCCCTACAGAC 480
Oy 481 GCCTTAAACAGGCGAGAGATGTGTCTTCCACCCCTGAAAAACAATGAATGCTCTGAG 540
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 481 GCCTTAAACAGGCGAGAGATGTGTCTTCCACCCCTGAAAAACAATGAATGCTCTGAG 540
Oy 541 CAGCGGAGATGAGACCAACCAAGCTCGGAGAGAGGCGCACGACTCAAGTGAAGATG 600
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 541 CAGCGGAGATGAGACCAACCAAGCTCGGAGAGAGGCGCACGACTCAAGTGAAGATG 600
Oy 601 AAAACCATGAGCAAAATTTGAGCTCTACTCCAGACCGCAAGCTTCTGAGGTGAGAGATG 660
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 601 AAAACCATGAGCAAAATTTGAGCTCTACTCCAGACCGCAAGCTTCTGAGGTGAGAGATG 660
Oy 661 ATTGCAGACATGTGTGTGGGAGAGTCAAGCGGTGGGAGCAGCTGTGTACTGCTGTCC 720
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 661 ATTGCAGACATGTGTGTGGGAGAGTCAAGCGGTGGGAGCAGCTGTGTACTGCTGTCC 720
Oy 721 CTCAGAAGAGATGATGAAATCTGAAGAGAGCTGGAAGGCGCACAGGGGAACCTGGCTGAC 780
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 721 CTCAGAAGAGATGATGAAATCTGAAGAGAGCTGGAAGGCGCACAGGGGAACCTGGCTGAC 780
Oy 781 AGGTGGAAGAGATTTGGTGTCTCTAGAGCAAGTTGAAGACTCTCAACACTGAGCTG 840
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 781 AGGTGGAAGAGATTTGGTGTCTCTAGAGCAAGTTGAAGACTCTCAACACTGAGCTG 840
Oy 841 GATCAGGCCAAGTGAAGCTGAGGTCAAGCCCAAGAAAGACTTACAAAGTGTGACAGAG 900
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 841 GATCAGGCCAAGTGAAGCTGAGGTCAAGCCCAAGAAAGACTTACAAAGTGTGACAGAG 900
Oy 901 ATCAGACGCTTAAGAAAGATCTGATGATCTCCAGGGAACCTTGAGCTGGCCCGCG 960
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 901 ATCAGACGCTTAAGAAAGATCTGATGATCTCCAGGGAACCTTGAGCTGGCCCGCG 960
Oy 961 ACCAATGAGAGCGTCAAGCGCTGTTTTTGAAGCCCAAGCCCTGTGAGATGATGAAC 1020
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 961 ACCAATGAGAGCGTCAAGCGCTGTTTTTGAAGCCCAAGCCCTGTGAGATGATGAAC 1020
Oy 1021 CCGAGGCTTACACAGCACCCCTTGGGTGATGAGATGATCTCAATACCACTTTGATGTA 1080
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1021 CCGAGGCTTACACAGCACCCCTTGGGTGATGAGATGATCTCAATACCACTTTGATGTA 1080

```

```

Oy 1081 AATACCCCTCCAAACCAGACCTCTGGCTCCAGACTTGCTCCCAAGAAGTGTGCTG 1140
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1081 AATACCCCTCCAAACCAGACCTCTGGCTCCAGACTTGCTCCCAAGAAGTGTGCTG 1140
Oy 1141 GAGAGGCGACGCTCTCCCATGAGAAATGTCTCAAGAAGGTGACAAAGTGTCCAAAGCG 1200
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1141 GAGAGGCGACGCTCTCCCATGAGAAATGTCTCAAGAAGGTGACAAAGTGTCCAAAGCG 1200
Oy 1201 GAGTCCCAAGCTCTCACTGGGTGGCCAGCGATGTGTAGAGAGCTAGATGAGAACTGGCT 1260
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1201 GAGTCCCAAGCTCTCACTGGGTGGCCAGCGATGTGTAGAGAGCTAGATGAGAACTGGCT 1260
Oy 1261 GGTGCTTCCCTCTCTTCATCCGGAATGCTGTCCCTGGGTCAAGAAACACCCCAAGAGCC 1320
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1261 GGTGCTTCCCTCTCTTCATCCGGAATGCTGTCCCTGGGTCAAGAAACACCCCAAGAGCC 1320
Oy 1321 ACAGCAGAAATCCCGAAGCAGACAGATGTGTAAAGATAGGCTTTGATGGCTTGAGAGA 1380
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1321 ACAGCAGAAATCCCGAAGCAGACAGATGTGTAAAGATAGGCTTTGATGGCTTGAGAGA 1380
Oy 1381 CGAACAAATTCATCCAGCTTACGAGACCAACCAATTCGACACAGTCCCTGTTAATGCC 1440
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1381 CGAACAAATTCATCCAGCTTACGAGACCAACCAATTCGACACAGTCCCTGTTAATGCC 1440
Oy 1441 AAGGCCAAGAGTAAACAGAAAGTGAATAAAGACTGTGAGTTCGCCCTCCAGCCCAAG 1500
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1441 AAGGCCAAGAGTAAACAGAAAGTGAATAAAGACTGTGAGTTCGCCCTCCAGCCCAAG 1500
Oy 1501 CTGATACCTCTTATGTCAAGTGAACGCTGACACAGAGTATGTTCGAATTAAGTGGGCA 1560
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1501 CTGATACCTCTTATGTCAAGTGAACGCTGACACAGAGTATGTTCGAATTAAGTGGGCA 1560
Oy 1561 AGACTGGCTTAACGGGAAGTGTTCCTGGAAGATGCTCTCTTGAGACAGTCCAAAGAG 1620
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1561 AGACTGGCTTAACGGGAAGTGTTCCTGGAAGATGCTCTCTTGAGACAGTCCAAAGAG 1620
Oy 1621 ATGCCCAAAAACACACTTCTGTTGATGAGTGCAGCCGCGCACACACTGGGGAAGCACAT 1680
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1621 ATGCCCAAAAACACACTTCTGTTGATGAGTGCAGCCGCGCACACACTGGGGAAGCACAT 1680
Oy 1681 GACCAATTTACTGTTCCGATGACGAGGCTTACTTCCAGTTGCAGGGTTTGTCTTATAGC 1740
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1681 GACCAATTTACTGTTCCGATGACGAGGCTTACTTCCAGTTGCAGGGTTTGTCTTATAGC 1740
Oy 1741 TACAACCAAGGTGTGCTGTGACTCTTTTGTATTAACAAGGTCACATTGACTCTAA 1800
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1741 TACAACCAAGGTGTGCTGTGACTCTTTTGTATTAACAAGGTCACATTGACTCTAA 1800
Oy 1801 GTGATGGAGGTGTGAGAGATCCATGACAGCTGAGAGACCTGCGCTTGAACCTCTGC 1860
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1801 GTGATGGAGGTGTGAGAGATCCATGACAGCTGAGAGACCTGCGCTTGAACCTCTGC 1860
Oy 1861 CTGCTCCAGCTTATTTGCTTGAATTAATGAGGTGAGTGTGATAGGAAAGTTGGGGA 1920
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1861 CTGCTCCAGCTTATTTGCTTGAATTAATGAGGTGAGTGTGATAGGAAAGTTGGGGA 1920
Oy 1921 AGTTTCTGTGTAAATTAATAAGGATTTTCTTCAAAAAAAGGATTTTCTTCAAAAAA 1975
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1921 AGTTTCTGTGTAAATTAATAAGGATTTTCTTCAAAAAAAGGATTTTCTTCAAAAAA 1975

```

RESULT 2

US-08-968-751-1

; Sequence 1, Application US/08968751

; Patent No. 5948643

; GENERAL INFORMATION:

; APPLICANT: Rubinfeld, Bonnie

; APPLICANT: Polakis, Paul G.

; APPLICANT: Ligentfelter, Carol

; APPLICANT: Vuong, Terilyn T.

; TITLE OF INVENTION: MODULATORS OF BRCA1 ACTIVITY

; NUMBER OF SEQUENCES: 6

Oy	1609	-----AGTCCAGAGAGAGATGCCACAAAACACACTCTCTGTTGTTCACTG	16522
Dd	1628	GGCAGACAAACAGGTAGGAGGTGTGATGTGACACCCAGACACTCTCTCTCTGCCCCACACC	16877
Oy	1653	CGCCCTGCAAC--ACATGGGGAAGCACATGACCACTTACTGTTCCGATGCAGAGGCC	17101
Dd	1688	TGCCCACTCTACGACTGGGAGCTGACATGACACACCCACATGATCTGTACGACAGGTCC	17474
Oy	1711	TACTTCAGATTGCAAGGTTTTGCTTATATAGCTACAMCAGGTGTGGCTGGACTCTTTTGT	17707
Dd	1748	TGCTCTGTTTCCAGCGCTCTGTTTATATAGCATGATCATGATGTGGTCACACTCTTTCTGG	18072
Oy	1771	TTTATATGAAGGCTACACTTGCCTTAAGTGGAGTGGAGTCTGAGAGATCCATGCA	18300
Dd	1808	GCCTGGAGACACGCGTACTTGTGACTGTCTCTGTGGACAG----AGTCTTGAAGGC	18622
Oy	1831	GGCTGAGAGAACCCGCGCCTTGAACCTCGCTGCTCCATGATTCCTGAATATATAGG	18901
Dd	1863	ATCTCAGGCAACCCCTACACCCACAGCTTCTACCTGCTTTAGCGCATAGCCT	19222
Oy	1881	GGTGAGGTGATAGGGAAGGTTGGGGAAGCTTTCTGTGTAATAATAAAGGATCTT	19506
Dd	1923	GGGGCAAGCAGGCGTGGGAGATGAGATGACATGAGATGATGAGAGAGATGGAAGATT	19822
Oy	1951	TTCTTCAAAAAAAAAAAAAAAAAA	1975
Dd	1983	TCATGTAAATAATTTAAAAAAA	2007

RESULT 3
 US-09-052-089A-7
 Sequence 7, Application US/09052089A
 Patent No. 6346605
 GENERAL INFORMATION:
 APPLICANT: Lee, Soo Y.
 Choi, Yongwon
 TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
 FAMILY, AND USES THEREOF
 NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: David A. Jackson, Esq.
 STREET: 411 Hackensack Ave, Continental Plaza, 4th
 Floor
 CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/052,089A
 FILING DATE: 31-Mar-1998
 CLASSIFICATION: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Jackson Esq., David A.
 REGISTRATION NUMBER: 26,742
 REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-487-5800
 TELEFAX: 201-343-1684
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2007 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHEICAL: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens

```

;          SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-052-089A-7

```

Query Match	53.8%;	Score 1062.8;	DB 4;	Length 2007;
Best Local Similarity	74.3%;	Pred. No. 0;		
Matches 1498;	Conservative	0;	Mismatches 457;	Indels 61;
				Gaps 10

OY	9	GTGTGGTGGAGCAAAATTTGAAGAACCCGAGCGGGTGGCCGTTTCCACCAAACTGTGTC	68
Db	1	GTGGGTGGAGACCGAAATTTGAAGCAACGGAGCGGGGCG--GCTTATGCAACCCGGAGCT	58
OY	69	GTCCTCTG-GCAGCTGGTTCCTGGGGCTGCTTGAAGTGGAGCATCATGCCATCTCTCTC	127
Db	59	GTAGACAGTTTCTTGGCTGCTGGGGCCCTTGAAGTCCAGCATCATGCCATCTCCGGTCTC	118
OY	128	TGTGCATCTATCTGCTCCGACCTCTTGTGATCTACTCCGTGACGTGGCTGCCATTCAC	187
Db	119	TGTGCATCTATCTGCTCCGACCTCTTGTGATCTACTCCGCGACGCGGCGGCATTCAC	178
OY	188	GCCACACTTTTTCATCTGCATAGGCTTAATCCAGTGGTTTGGAGACAGCAACAGTGGACCT	247
Db	179	GCCACACTTTCATCTGCATAGGCTTAATCCAGTGGTTTGGAGACAGCAACAGTGGACCT	238
OY	248	GCCACACTGTAGTAATCCAGTGGTGGCAAAAAGACTATTAACAACAATTTTCTTTGACC	307
Db	239	GCCACACTGTCCGAATCCAGTGGTGGCAAAAAGAACATTAATACATAGCTCTTCTTTGATC	298
OY	308	TGCCCCAGGAAGAGAGAAATGCTCTTGAGTGCAGAAATTTCTTAAAGATGAATGACAGCG	367
Db	299	TTTGCCACAGGAGAGAAATGCTCTTGAGTGCAGAAATTTCTTAAAGATGAATGACAGAA	358
OY	368	TCAAAAGCTCACCTTTCCAGAAAAGACAGGGAGAAAGGGGACAGCCAGGCGCATTTATGACA	427
Db	359	TCAGAGCCCACTTTCCAGAAAAGACAGGAGAAAGAGACAGCCAGGCGCATTCATGACA	418
OY	428	CTTACGGGACACCTCTGGAGAAACGCATCTACCGTGGAGTCCCTCAGAACGGCTTAA	487
Db	419	CTTACGGGAGATCCGTGGAGAAAGCGAATGCTACTGTGGATATCTCTGACAGAGGCTTGG	478
OY	488	ACAAGCGAGAGATGCTGTGTTCCACCTTGAAAAACAGATGAAGTTCTTGAGCAGCGCG	547
Db	479	GCAAGGCGGAGATGCTGTGTTCCACACTGAAAAAGCAGATGAAGTACTTGAAGCAGCGAC	538
OY	548	AGATAGAGACCAACCAAGCTTCGGAGAGGCGCCACGACCTCAAGTGCAGATGAAGAACCA	607
Db	539	AGGATGAGACCAACCAAGCACAAGAGAGGCGGGCGCTCAGAGACCAAGATGAAGACCA	598
OY	608	TGAGACAAATTTGAGCTCTACTCCAGAGCGAGGTTCTGAGTGGAGAGATGATTCGAG	667
Db	599	TGGAGAGATTTGAGCTCTACTCCAGAGCGAGCTCCCTAGAGTGGAGAGATGATTCGAG	658
OY	668	ACATGGGTGGGACATTCAGCGGTGGAGACGCTGGCTGTGATCTGCTGTCCCTCAGA	727
Db	659	ACATGGGTGGGACATTCAGCGGTGGAGAACGCTGTGTGATCTGCTGTCTCAGA	718
OY	728	AAGATGTGAGAAATCTGAAGAGAGCTGCAAGGCGCACAGGGGAACCTGCTGACAGTGA	787
Db	719	AAGATGTGAGAAATCTTAAAGAGAGCAAGGCGCTCAGGGAGAGTGGCTGCAAGCTGA	778
OY	788	AGAAGATTTGTGTCCTCTAGGAGCAAGTTGAAGACTCTCAACACTGAGCTGATCAGG	847
Db	779	GGAAGATTTGTGTTTCTCCAGAAGTGTGACAGACTCTACTCTGAATTTGATTCAGG	838
OY	848	CCAAGTTAGAACTGAGTCTAGGCCCAAGAGACTTACAAAGTGTCTGACAGGAGATCATCGA	907
Db	839	CCAAGTTAGAACTGAAATCTAGGCCCAAGAGACTTACAGAGTGTCTGCAAGGAAATCATGA	898
OY	908	GCTCTAACAAGAAGTGTGATGATCTTCACAGGGAACCTTAGCGCTGGCTTC--GCGACAA	966
Db	899	GCTCTGAAAAAGAG--CTAACGATGCTGACAGAAACCTTAACTCTGCCACACTGTCGCT	957
OY	967	GAGACGGTCAAGCGGCTGTGTTTTTGAAGCGCCAGCCCTGTGTGAGATGATGAACCCGAG	1028

Db	958	GAGACTGTGCAGCGCGTGGTTTAGAGAGCCAGCCGCCCTGTGGA---GGTGAATCTGAG	101.4
QY	1027	CTTGACCAAGCCACCCCTTGGGTATGAGATTGATCTCAATACCACCTTTGATGTAAATACC	1086.6
Db	1015	CTCCGGCGGGGCATCTCCCTCGTATGTATGTATCTCAATGATACCTTTGATGTGATCTACT	107.4
QY	1087	CCCTTCACCCAGAGACTCTGGCTCCCAAGCAATGGCTCCCCAACACACTGGCTGGAGAGG	114.6
Db	1075	CCCCCAGCCCGGGCCCTTCAGCTCCACGACATGGTTACTACGAAAACCTTTGGCTTAAGAG	113.4
QY	1147	GCACGCTCTCCATGTCAGAAATGTCTCAAGAAAGTGCACAAAGTCTCCAAAGCGGAGTCC	120.6
Db	1135	TCACACTCCCAATTCCAGATGTGCCCAAGAAAGATATGCAGAAAGGCCCCAGGAAGATGCC	119.4
QY	1207	CAGCTCACTAGGGGTGGCCAGCATGTGTAGAGAGACTAGATGAGAACTGGCTGTGTCC	126.6
Db	1195	CAGCTCACTAGGGGTGGCCAGCACTGTGTAGAGAGAGACCCAGATGAGAACTGGTTGTGCC	125.4
QY	1267	TTCCCTCTCTCAATCCGGAATGTCTGTCCTGGGTGCAGAAACACCCACAGACCCACAGCA	132.6
Db	1255	TTCCCTATTTTTTGTGCGGAATGCCATCTTAGGCGCAAAACACCCAAAGGCCACAGTCA	131.4
QY	1327	GAATCCCGAAGCAGACACATGTGTGAATAGATAGCTTTGATGGCTTTGAGAGACGAACA	138.6
Db	1315	GAGTCTCTTGTGACAGCAAAAGATGTGTAAAGACAGGCTTCGATGAGGCTGGTGGCCGACA	137.4
QY	1387	AAATTCATCCAGCCTTAGGACACACATTTATCCGACACAGTGCCTGTTAAGTCCAAAGCC	144.6
Db	1375	AAATTCATCCAGCCTTAGGACACAGTCAATGATTCGCGCCATTCCTGTTAAGCCCAAGCC	143.4
QY	1447	AAGAGTAAACAGAAAGTGAATAAAGACTGTGATGTTGCTCCACGCCCAAGCTGGAT	150.6
Db	1435	AAGGTTAAGCAGAGGGGTGAGGGTGAAGACCGTGTCTCTCTCCAGGCCCAAGCTGGAC	149.4
QY	1507	ACCTCTCTATGTCTAG-----TGAGGGTATCCAGAGTATGTTTGCAATT	155.1
Db	1495	ACCTCTCTGT	155.4
QY	1552	AGTGGCCAGAGACCTGTGCTAACCGG-----AAGTG	158.1
Db	1555	TGTATGTATGAGAGACTGTGTCAGGAGGGTTTGTGTGTGTGTGTGTGTGTGTGTGTGTGT	161.4
QY	1582	TTTTTGGAAATGGCTCTCTTTGGACCACTCCAGAGAGATGCCAGAAAACACTTCC	164.1
Db	1615	TGAGGTGTAAAGGCGACAGCAAAAGGTGAAGGTGATGTGTACACCCAGAGACTGTCTTCC	167.4
QY	1642	TGTTGTACTGCGGCGCCGACAC--ACATGGGGGAAGCAATATACCAAGTTTACTGTGTCGA	169.9
Db	1675	TGCCCTACACCTGTGCCATCTCTACATCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT	173.4
QY	1700	TCACAGAGGGCTACTTCCAGTTTCAGAGGGTTTGTCTTATAGCTACCAACAGAGTGTGGCTGG	175.9
Db	1735	TCACAGAGGTCTGTG--TCTGTGTGACAGGCTCTGTGTATAGCATGATCATGATGTGTGTG	179.3
QY	1760	ACGTCTTTTGTTTTATAGAAGAGGGTGCATTTGATCTCAATGGATGGGATGCTGTGAG	181.9
Db	1794	ACTTCTTCTGTGGCTGTGAGACACAGGTCTACTTGTGTGACTGTCTGTGTGACACG----A	184.8
QY	1820	GATTCCTATGAGAGCTGTGAGAGACCTCTCGCTTGAAGTCACTGCTCTCAGCTTATTTGCT	187.9
Db	1849	GTCCTTAGGCAATCTCAGGCAAGCTCAGCCCAAGAGCTTACTGTGCTTTGACTTGTCTCT	190.8
QY	1880	TGAATATATGGGTGAGGTGTGTATATGAGCAAAAGTTTGGGGAAGTTTCTGTGTAAATAA	193.9
Db	1909	AGCATAGCTTGGGCGCAAGCAGGGGTGGGGAATGAGAGATGAGCATGGATGTATGGAGAG	196.8
QY	1940	AAAGGATCTTTTCTTCAAAAAAAAAAAAAAAAAAAAAA	197.5
Db	1969	ATGGAAGATTTTCCCGAAAAAAGAAAAAAAAAAAAA	200.4

```

US-08-232-463-14/c
; Sequence 14, Application US/08232463
; Patent No. 3670367
;
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEIFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
;
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
;
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: PT9pt-F15
;
US-08-232-463-14

```

[illegible]

OY	715	GTCCTCCACGAAGAAGATATGAAATCTGAAGAAAGTCCGAAGGCCACAGGGGAACTG	774
Dδ	16238	CAGCAGCAACGAGAGAGAGGAGCGAAGCAGCAGGAGAGAGAGAGAGAGAGGAGGAGTAG	16199
OY	775	GCTGCACAGTTGCAAGAAAGATTGTGTCCTCTAGAGCAAGTTGAAAGCTCTCAACT	834
Dδ	16138	AAGCAAGAACACAGACAGACAGAAAGAAAGAAAGAACAGAACAGAAAGAAAG	16139
OY	835	GAGCTGATCAGGCCAAG	852
Dδ	16138	AAGAAAGAAAGAACAGAG	16121

```

RESULT 7
US-08-728-323A-1
: Sequence 1, Application US/08728323A
: Patent No. 5948676
: GENERAL INFORMATION:
: APPLICANT: Chang, Yuan
: APPLICANT: Bohenzky, Roy A.
: APPLICANT: Russo, James J.
: APPLICANT: Edelman, Isidore S.
: APPLICANT: Moore, Patrick S.
: TITLE OF INVENTION: Immediate Early Protein From Kaposi's
: TITLE OF INVENTION: Sarcoma-Associated Herpesvirus, DNA
: TITLE OF INVENTION: Encoding Same And Uses Thereof
: NUMBER OF SEQUENCES: 21
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Cooper & Dunham LLP
: STREET: 1185 Avenue of the Americas
: CITY: New York
: STATE: New York
: COUNTRY: U.S.A.
: ZIP: 10036
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/728,323A
: FILING DATE:
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: White, John P.
: REGISTRATION NUMBER: 28,678
: REFERENCE/DOCKET NUMBER: 0575/52268/JPW/MSC/SKS
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 212-278-0400
: TELEFAX: 212-391-0525
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 3489 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: FEATURE:
: NAME/KEY: CDS
: LOCATION: 1..3489
: US-08-728-323A-1

```

[illegible]

D _b	2251	GATGAACAGGAGCAGCAGGAGGACGAGGAGCAAGAGAGACAGACAGGATTGAG	2310
O _y	634	AGCCAGCGCTTCTGAGGTGGAGAGATGATTTCCAGACATGCGTGTCGGCACTCACGGGTG	693
D _b	2311	GAGCAGAAGAGCAGGAGTTTAGAGGATCATGAGCACAGGAGTTAAGAGAACAGACAGACAGAGATTA	2370
O _y	694	GAGCAGCTGGCTGTGTACTGCCTGTCTCCATCAAGAAAGATATGAAATCTGAAGAAAGCT	753
D _b	2371	GAGGACAGGAGCAGGAGGATTAGAGGAGCAGAGAGCAGAGAGATTTAGAGGACAGAGCAGGAG	2430
O _y	754	CGGAAGGCCACAGGGGAACTGCGTGCAGGTTGAGAAAGATTTTGCTCTTAGAGAC	813
D _b	2431	TTTACAGSAGCAGAGCAGGAGTTTAGAGGACAGAGGACAGGAGTATTAGAGAGCAGAGCAG	2490
O _y	814	AAGTTTGAAGACTCTCAACATGACTGCGATGATCAAGGCCAAATTTGAACTAGGCTCAGCCAG	873
D _b	2491	GAGTTTAGAGCAGCAGGAGCAGGAGGATTAGAGGAGCAGAGAGGTGGAAGAGCAAGAGCAGAG	2550
O _y	874	AAGGACTTACAAGTGGTGCACGA	899
D _b	2551	GTGGAGAGCAGACGACGAGCGAGGA	2576

RESULT 8
US-08-770-379-20/c
Sequence 20. Application US/08770379
Patent No. 5849564
GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: POLYPEPTIDES FROM KAROSI'S SARCOMA-ASSOCIATED
TITLE OF INVENTION: HERPESVIRUS, DNA ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/770,379
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 52342
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 32207 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-770-379-20

Query Match	2.0%	Score 40.4	DB 2	Length 32207
Best Local Similarity	44.0%	Pred. No. 0.27		
Matches 170, Conservative	0	Mismatches 216	Indels 0	Gaps 0

QY	514	CTAAAAAAGATGAAGTTCCTGGACAGCGGGCAGAGTGAACCAACAAACTCGGAG	573
Db	19806	CAGCAGGATGACACACAGCAGCAGGATGATGCGACAGCAGCATGACGACGACG	19747
QY	574	GAGGCCACCGACTCAAGTGCACAGATGAAACCATGAGACAATTGAGTCTCTACTCCAG	633
Db	19746	GATGAACAAGAGACACAGGAGGACGACGACGACGACGAGACGACGAGGAGTAAAG	19687
QY	634	AGCCAGCCTTCTGAGGTGGAGAGATGATTGAGACATGCGGTGTGGACAGTCCAGCGGTG	693
Db	19686	GAGCAGGAGCAGAGATTAGAGGATCAGGAGCAGGAGGATTAGAGACAGGACGAGGAGTTA	19627
QY	694	GAGCAGCTGCGCTGTACTGCGTGTCCCTCAGAAAGAGTATGAGATATTGAAGGAGCT	753
Db	19626	GAGGCGCAGGAGCAGGAGATTAAAGGACGACGAGCAGGAGTTAGAGACGACGACGAGG	19567
QY	754	CGGAAGGCCACAGGCGGAAGTGGCTACACAGGTTGAAGAAGAGATTTGGTGTCCCTTAGGAC	813
Db	19566	TTTAGAGAGACAGAGCAGGACAGGAGTTAAAGGACGACGAGCAGGAGGAGTTAGAGGACGACGAGCAG	19507
QY	814	AAGTTGAAGACTCTCAACACTGAGCTGGATCAGGCCAAGTTAGAACTGAAGTCCAGCCAG	873
Db	19506	GAGTTAGAGAGCAGCAGCAGCAGGAGTTAGAGGAGCAGGAGGTTGGAAGAGCAAGCAGGAG	19447
QY	874	AAGGACTTACAAAGTGTGACCAGGA	899
Db	19446	GTGGAAGCAAGACGAGGACGAGA	19421

RESULT 9
 US-08-757-669A-20/c
 Sequence 20, Application US/08757669A
 Patent No. 6183751
 GENERAL INFORMATION:
 APPLICANT: Chang, Yuan
 APPLICANT: Bohenzky, Roy A.
 APPLICANT: Russo, James J.
 APPLICANT: Edelman, Isidore S.
 APPLICANT: Moore, Patrick S.
 TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS
 TITLE OF INVENTION: SEQUENCES AND USES THEREOF
 NUMBER OF SEQUENCES: 20
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Cooper & Dunham LLP
 STREET: 1185 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/757,669A
 FILING DATE:
 CLASSIFICATION: 424
 ATTORNEY/AGENT INFORMATION:
 NAME: White, John P.
 REGISTRATION NUMBER: 28,678
 REFERENCE/DOCKET NUMBER: 45185-F
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 278-0400
 TELEFAX: (212) 391-0525
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 32207 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-757-669A-20

Query Match	Similarity	2.0%	Score	40.4	DB	4	Length	32207
Best Local	Similarity	44.0%	Pred	NO	0.27			
Matches	170	Conservative	0	Mismatches	216	Indels	0	Gaps
QY	514	CTGAAAAACACAGATGAAGTTCCTGGAGCAGCGGCAGATGAGACCAACAACTCGGAG	573					
Db	19806	CAGCAGGATGACACACAGCAGCAGCAGCAGATGATGACAGCAGATGACAGCAGCAG	19747					
QY	574	GAGGCCCAACCGACTCAAGTGCAAAGATGAAAACCATATGGACAAATTGAGTCTCTACTCCAG	633					
Db	19746	GATGACACAGGACACAGCAGAGAGGAGGAGCAGCAGCAGGAGACAGCAGAGGAGGATTAAG	19687					
QY	634	AGCCAGCCCTTTCGAGGTGGAGAGATGATTCAGACATGGGTGGGAGCAGTCAGCGGTG	693					
Db	19686	GAGCAGAGACAGACAGATTTAGAGATCATGAGCAGCAGAGTTTAGAGACAGCAGCAGATTA	19627					
QY	694	GAGCAGCTGGCTGTGTACTGCGGTGCCCTCAAGAAAGACTATAGANCTGAAGAACT	753					
Db	19626	GAGGCGCAGGACACAGAGATTAGAGAGCAGGAGCAGGAGTTAGAGCAGCAGCAGAGAG	19567					
QY	754	CGGAAGGCCACAGGGGAAGCTGGCTACAGAGTTGAAGAAGATTGGTGTCCTTAGGAC	813					
Db	19566	TTAGAGGAGACAGGACAGGAGTTTAGGGAGCAGGACAGGACAGGAGTTTAGAGCAGCAGGACAG	19507					
QY	814	AAGTTGAAGACTCTCAACACTGAGCTGATTCAGGCCCAATTAGAACTGAGTCAAGCCAG	873					
Db	19506	GAGTTAGAGGACAGCAGGACAGAGATTAGAGGAGCAGGAGAGTGAAGAGCAGAGCAGAG	19447					
QY	874	AAGCACTTACAAAGTCTGACCAGA	899					
Db	19446	GTTGAAGACCAAGCAGCAGCAGCA	19421					

RESULT 10
 US-09-230-371A-20/c
 Sequence 20, Application US/09230371A
 Patent No. 634586
 GENERAL INFORMATION:
 APPLICANT: Chang, Yuan
 APPLICANT: Bohenzky, Roy A
 APPLICANT: Russo, James J
 APPLICANT: Edelman, Isidore S
 APPLICANT: Moore, Patrick S
 TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS SEQUENCES AND
 TITLE OF INVENTION: USES THEREOF
 FILE REFERENCE: 45185-G-PCT-US
 CURRENT APPLICATION NUMBER: US/09/230,371A
 CURRENT FILING DATE: 1999-11-17
 PRIOR APPLICATION NUMBER: PCT/US97/13346
 PRIOR FILING DATE: 1997-07-22
 NUMBER OF SEQ ID NOS: 30
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 20
 LENGTH: 32207
 TYPE: DNA
 ORGANISM: Kaposi's sarcoma-associated herpesvirus
 US-09-230-371A-20

Query Match	2.0%;	Score 40.4;	DB 4;	Length 32207;
Best Local Similarity	44.0%;	Pred. No. 0.27;		
Matches 170; Conservative	0;	Mismatches 216;	Indels 0;	Gaps 0;
QY 514 CTGAAAAACAGATGAATGTTCTGGAGCGACGGCGCAGATGAGACCAAAACACTCGGGAG	573			
Db 19806 CAGCGGATGAGCAGACACAGCAGGATGATGCGACAGCAGAGATGAGCAGCGACGAG	19747			
QY 574 GAGGCCCCAGCAGTCGAAGCGCAAGATGAAAACCATGAGGAGCAAAATTGAGCTCTACATCCAG	633			
Db 19746 GATGAAACAGGAGACACAGAGAGAGGAGGACGACGAGAGAGACAGAGAGATTAGAG	19687			

[illegible]

```

11 RESULT 11
12 US-08-781-891-209/c
13 : Sequence 209, Application US/08781891
14 : Patent No. 6090620
15 :
16 : GENERAL INFORMATION:
17 :
18 : APPLICANT: Fu, Ying-Hui
19 : APPLICANT: Yu, Chang-En
20 : APPLICANT: Oshima, Junko
21 : APPLICANT: Mulligan, John T.
22 : APPLICANT: Schellenberg, Gerald D.
23 : TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
24 : TITLE OF INVENTION: WERNER'S SYNDROME
25 : NUMBER OF SEQUENCES: 209
26 :
27 : CORRESPONDENCE ADDRESS:
28 : ADDRESSEE: SEED and BERRY LLP
29 : STREET: 6300 Columbia Center, 701 Fifth Avenue
30 : City: Seattle
31 :
32 : STATE: Washington
33 :
34 : COUNTRY: USA
35 :
36 : ZIP: 98104-7092
37 :
38 : COMPUTER READABLE FORM:
39 :
40 : MEDIUM TYPE: Floppy disk
41 : COMPUTER: IBM PC compatible
42 : OPERATING SYSTEM: PC-DOS/MS-DOS
43 : SOFTWARE: Patentin Release #1.0, Version #1.30
44 : CURRENT APPLICATION DATA:
45 : APPLICATION NUMBER: US/08/781,891
46 : FILING DATE: 27-DEC-1996
47 :
48 : CLASSIFICATION: 800
49 :
50 : ATTORNEY/AGENT INFORMATION:
51 : NAME: Mr. 6090620tenburg Ph.D., Carol
52 : REGISTRATION NUMBER: 39,317
53 : REFERENCE/DOCKET NUMBER: 240052.419
54 :
55 : TELECOMMUNICATION INFORMATION:
56 :
57 : TELEPHONE: (206) 622-4900
58 : TELEFAX: (206) 682-6031
59 :
60 : INFORMATION FOR SEQ ID NO: 209:
61 :
62 : SEQUENCE CHARACTERISTICS:
63 : LENGTH: 51259 base pairs
64 : TYPE: nucleic acid
65 : STRANDEDNESS: single
66 :
67 : TOPOLOGY: linear
68 :
69 : US-08-781-891-209

```

	Query Match	2.08;	Score	40.2;	DB	3;	Length	51259;
	Best Local Similarity	48.13;	Pred.	No.	0.42;			
	Matches	114;	Conservative	0;	Mismatches	123;	Indels	0;
	Gaps							
Q7	513	CCTGAAAAACAGATGAAGTTCCTGGAGCACCAGCCAGAGTAGACACCAACAAGCTCGGGA	57Z					
Db	269	CATGAAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGCACGGA	210					

[illegible]

```

12
US-08-533-669A-5
: Sequence 5, Application US/08533669A
: Patent No. 5834592
: GENERAL INFORMATION:
: APPLICANT: Corixa Corporation
: TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
: TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS
: NUMBER OF SEQUENCES: 18
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: SEED AND BERRY LLP
: STREET: 6300 Columbia Center, 701 Fifth Avenue
: CITY: Seattle
: STATE: Washington
: COUNTRY: USA
: ZIP: 98104-7092
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/533,669A
: FILING DATE: 22-SEP-1995
: CLASSIFICATION: 424
: ATTORNEY/AGENT INFORMATION:
: NAME: Makl, David J.
: REGISTRATION NUMBER: 31,392
: REFERENCE/DOCKET NUMBER: 210121.420
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (206) 622-4800
: TELEFAX: (206) 682-6031
: INFORMATION FOR SEQ ID NO: 5:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 2040 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: FEATURE:
: NAME/KEY: CDS
: LOCATION: 62..2029
US-08-533-669A-5

```

	Query Match	2.08;	Score 39.4;	DB 2;	Length 2040;
	Match	Local Similarity	50.33;	Pred. No. 0.098;	
	Matches	97;	Conservative	0;	Mismatches 96; Indels 0; Gaps
Oy	577	GCCACCCGACATCAGATGCAAGATGAAAAACCTTGAGGACAAATGTAGTCTCTACTCCAGAGC	6366		
Db	515	GCGTTCAGCATCTCGACGACGCTGATGCTGGAGAAAGCGCGGAGGAAGAGGTGACGACGAGGAC	5744		
Oy	637	CAGCGTCTGAGGTGAGAGATGATTCGAGACATGGGTGTGGACAGTCAGCGGTGAG	6566		
Db	575	GAGGAGGAGACGAGATCGAAGAAAGAGTCCGCGGGAGCGAGCGGACCGAAGGTGGAG	6344		
Oy	697	CAGCTGGGTGTCTGCTGGGTCTCCCTCAAGAAAGATGTAGGATTCGAAGAAAGCTCGG	7566		
Db	635	GAGGTGACGAGAGGGCGGCGAGCAGCAAGAAAGAGCAGGAAGAGGTGCAAGGAGGTGAC	6944		

Matches 146; Conservative 0; Mismatches 182; Indels 0; Gaps 0;

```
OY 462 CGTGAGTCCCTACAGAACGCTTAACCAAGCAGAGATGCTGTGTCACCTGAAAAA 521
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 549 CATGAGGTCAAGCAGAACTTATGACCCACTACAGACTGTGTGACAGATCTGAA 608
OY 522 ACAGATGAAGTTCCTGAGCAGCGGAGAGATGAGACCAAAACCTCGGAGGAGCCCA 581
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 609 GGAATATCCAGACCACTGAAAGAAATTGAGAGGCGCGCCCTTACTTGTACTCAAGAA 668
OY 582 CCGACTCAAGTGAAGATGAAAACCATGAGCAATTGAGCTCTACTCCAGACGACG 641
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 669 GAACCGCAGGGCAAGATCCCCGATGAGAGCTGCGCCAGGCCCTAGAGAAATTGAGGA 728
OY 642 TTCGAGGTGAGGAGATGATTCGAGACATGGTGTGGACAGTCAAGCGGTGAGCAGCT 701
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 729 GTCCAGAGAGGTGGCGGAGACAGTATGACACACCTCTGAGAGCTGATATAGAGCAGT 788
OY 702 GGCTGTGACTGCGTGTGCTTCAAGAAAAGATGAGAAATCTGAAGAAAGCTCGAAAGC 761
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 789 GAGCCAGCTCTGGCCCTGGTGGATGCCACACTGAGTACACACGCGGACGAGTGCAGAT 848
OY 762 CACAGGGAACTGGCTGACAGGTTGAAG 789
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 849 CCGAGAGAGCTGGCTGACAGCTGAAG 876
```

RESULT 16

US-08-938-105-2

Sequence 2, Application US/08938105

Patent No. 6353151

GENERAL INFORMATION:

APPLICANT: Leinwand, Leslie A.

TITLE OF INVENTION: TRANSGENIC MODEL FOR HEART FAILURE

NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sheridan Ross P.C.

STREET: 1700 Lincoln St., Suite 3500

CITY: Denver

STATE: CO

COUNTRY: U.S.A.

ZIP: 80203

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/938,105

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Crook, Wanneil M.

REGISTRATION NUMBER: 31,071

REFERENCE/DOCKET NUMBER: 3595-4

TELECOMMUNICATION INFORMATION:

TELEPHONE: (303) 863-9700

TELEFAX: (303) 863-0223

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 5661 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

FEATURE:

NAME/KEY: CDS

LOCATION: 1..5661

US-08-938-105-2

Best Local Similarity 44.4%; Pred. No. 2;
Matches 236; Conservative 0; Mismatches 290; Indels 6; Gaps 2;

```
OY 274 AAAAGACTATTTAAACAACCTTTCTTGACTCCGCCAGAGAGAGAAATGCTTG 333
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 5026 AAGAAGAAATGATGAGAGACCTCTCCAGCTCGACAGAGGTGGAGGCGGTGACAG 5085
OY 334 GATCAGCAATTTCTTAAGAAATGAACCTGAGACGCTCAAGAGCTAGCTTTCCAGAAAGAC 393
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 5086 GAGTGTAGGAAGCGAGAGAGAGAGAGCCAGAGAGCCATCAGATGTGCCCATGATGGCC 5145
OY 394 AGGAGAAACGGAGACCGACCCATTATGACACTCTACGAGGAGACCTCGGAAGAGCG 453
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 5146 GAGAGCTGAAAGAGAGAGAGAGACACCGCCACCTGGAGCGCATGAAGAAAGACATG 5205
OY 454 AATGCTACCGTGGAGTCCCTTACAGAACGCTTAACCAAGAGAGATGCTGTGCTCA-- 511
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 5206 GAGCAGACCATCAAGAGACTGTCAGACCGGCTGGAGAGAGGACAGATGCGCCTCAAG 5265
OY 512 -CCCTGAAAAACAGATGAATGTTCTGTGAGCAGCGGAGATGAGACCAACAGCTCGG 570
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 5266 GGTGGCAAGAAAGCAGCTGACAGAACTGAGAGCCCGGCTCGGAGCTGGAGAAATGAGCTG 5325
OY 571 GAGAGAGCCCAACGACTCAA---GTGCAAGATGAAAAACATGAGCAAAATGAGCTCTA 627
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 5326 GAGCTGAGCAGAGAGCGCAATGCGGAGTGGTGAAGGACATGAGAGAGAGAGCGGCGC 5385
OY 628 CTCAGAGCCAGCGTTCTGAGGTGAGAGATGATTTGACAGATGCTGTGGCAGTCA 687
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 5386 ATCAAGGAGCTCACCTACACAGACAGAGAAACAAAGAACTTGTGGCTGCTCAAGAC 5445
OY 688 GCGGTGAGAGCAGCTGGCTGTACTGGTGTGCTTCAAGAAAGATGAGAAATCTGAAG 747
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 5446 CTGTGGAGCAGCTGACGTTGAGGTGAAGGCTTACAAAGCGCCAGCTGAAGAGCGGAG 5505
OY 748 GAACCTGAGAGCGCCACAGAGGAACTGCTGACAGTGGTGAAGAGATTTGG 799
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 5506 GAACAGGCGCAACCAACCTTCCAGATGTCGCAAGGTGCGAGCGACGAGGCTGG 5557
```

RESULT 17

US-09-050-863-2

Sequence 2, Application US/09050863

Patent No. 6114111

GENERAL INFORMATION:

APPLICANT: Lao, Ying

APPLICANT: Hiang, Betty

TITLE OF INVENTION: Mammalian Protein Interaction Cloning

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert

STREET: 4 Embarcadero Center, Suite 3400

CITY: San Francisco

STATE: CA

COUNTRY: USA

ZIP: 94111-4187

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/050,863

FILING DATE: 30-MAR-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Silva, Robin M.

REGISTRATION NUMBER: 38,304

REFERENCE/DOCKET NUMBER: A-65638/DJB/RMS

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 781-1989

Query Match 1.8%; Score 36; DB 4; Length 5661;

QY 588 CAAGTCAGATGAAACCATGAGCAAAATTGAGCTCCTACTCCAGAGCCAGCGTTCTGA 647
Db 1872 GCAGGAGCAGAGAGAGGGGCGAGGGGCGAGAGGGCGCAGAGCAGAGAGGGGCGACGA 1813
QY 648 GGTGAGAGATGATTTGAGACATGGGTGTGGACAGTCAAGCGGTGGAGCAGTGGCTGT 707
Db 1812 GCAGGAGGGGCGAGAGGGGCGAGGGGCGAGAGCAGAGAGGGGCGAGAGAGAGGG 1753
QY 708 GTACTGGGTGCTCCCTCAAGAAAGATATGAGCAATCTGAGAGAGCTCGAAGGCCACAG 767
Db 1752 GCAGAGGGGCGAGAGGGGCGAGAGCAGAGGGGCGAGAGAGGGGCGAGAGCAGGA 1693
QY 768 GGAAGCTGCTGACAGGTTGAAGAGGATTTGGTCTCTAGAGCAAGTTGAAGACTCT 827
Db 1692 GGGGCGAGAGCAGAGAGGGGCGAGGGGCGAGAGCAGAGAGGGGCGAGAGCAGCA 1633
QY 828 CAACACTGAGCTGATCAGGCCCAAGTTAGAACTGAGTCAAGCCCAAGAGA 878
Db 1632 GGAGGGGCGAGAGGGGCGAGAGCAGAGAGGGGCGAGAGGGGCGAGAGCA 1582

RESULT 20
US-08-910-647-1
; Sequence 1, Application US/08910647
; Patent No. 6251433
; GENERAL INFORMATION:
; APPLICANT: Zuckermann et al.
; TITLE OF INVENTION: Compositions and Methods for
; TITLE OF INVENTION: Polynucleotide Delivery
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94608-2916
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,647
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fujita, Sharon M.
; REGISTRATION NUMBER: 38,459
; REFERENCE/DOCKET NUMBER: 1218, 002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 923-2706
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9600 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-910-647-1

Query Match 1.8%; Score 35.8; DB 4; Length 9600;
Best Local Similarity 43.9%; Pred. No. 3.1;
Matches 154; Conservative 0; Mismatches 197; Indels 0; Gaps 0;

QY 528 GAAGTCTCTGAGACGCGGCGAGATGAGACCAACACACTGCGGAGGAGGCCACCGACT 587
Db 919 GGAGGGGCGAGAGGGGCGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 978
QY 588 CAAGTGAAGATGAAACCATGAGCAAAATTGAGCTCCTACTCCAGAGCCAGCGTTCTGA 647

Db 979 GCAGGAGCAGAGAGAGGGGCGAGAGGGGCGAGAGGGGCGAGAGGAGAGGGGCGACGA 1038
QY 648 GGTGAGAGATGATTTGAGACATGGGTGTGGACAGTCAAGCGGTGGAGCAGTGGCTGT 707
Db 1039 GCAGGAGGGGCGAGAGGGGCGAGGGGCGAGAGCAGAGAGGGGCGAGAGAGAGGG 1098
QY 708 GTACTGGGTGCTCCCTCAAGAAAGATATGAGCAATCTGAGAGAGCTCGAAGGCCACAG 767
Db 1099 GCAGAGGGGCGAGAGGGGCGAGAGCAGAGGGGCGAGAGGGGCGAGAGGGGCGAGAG 1158
QY 768 GGAAGCTGCTGACAGGTTGAAGAGGATTTGGTCTCTAGAGCAAGTTGAAGACTCT 827
Db 1159 GGGGCGAGAGCAGAGAGGGGCGAGAGGGGCGAGAGCAGAGAGGGGCGAGAGGAGCA 1218
QY 828 CAACACTGAGCTGATCAGGCCCAAGTTAGAACTGAGTCAAGCCCAAGAGA 878
Db 1219 GGAGGGGCGAGAGGGGCGAGAGCAGAGAGGGGCGAGAGGGGCGAGAGGAGCA 1269

RESULT 21
US-07-884-811-15
; Sequence 15, Application US/07884811
; Patent No. 5316921
; GENERAL INFORMATION:
; APPLICANT: Godowski, Paul J. Lokker, Nathalie A. Mark, Melanie R.
; TITLE OF INVENTION: SINGLE-CHAIN HEPATOCYTE GROWTH FACTOR VARIANTS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/884,811
; FILING DATE: 19920518
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: 755.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/952-9881
; TELEFAX: 415/225-3216
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10596 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-884-811-15

Query Match 1.8%; Score 35.8; DB 1; Length 10596;
Best Local Similarity 43.9%; Pred. No. 3.3;
Matches 154; Conservative 0; Mismatches 197; Indels 0; Gaps 0;

QY 528 GAAGTCTCTGAGACGCGGCGAGATGAGACCAACACACTGCGGAGGAGGCCACCGACT 587
Db 2453 GGAGGGGCGAGAGGGGCGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2512
QY 588 CAAGTGAAGATGAAACCATGAGCAAAATTGAGCTCCTACTCCAGAGCCAGCGTTCTGA 647

Accession	Sequence	Position
Db	GCAGAGCAGGAGAGGGCGCCAGGAGGGGCGAGAGGGCGCAGAGCAGAGAGGAGGGGACAG	2572
Oy	648 GGTGAGCAGATGATTTGAGACATGGGTGTGGACAGTACGGGTGAGCAGCTGGCTGT	707
Db	2573 GCAGAGAGGGGAGAGAGGGGCGCAGAGGGGCGCAGAGCAGAGGGGGCAGAGCAGAGAGGAGG	2632
Oy	708 GTACTGGCGTGTCCCTCAAGAAAGATGATGAGATCTGAAGAAGCTCCGAAGGCCACAG	767
Db	2633 GCAGAGAGGGGCGAGAGGGGCGCAGAGCAGAGAGGGGCGCAGAGCGAGGGGCGAGAGCAGA	2692
Oy	768 GGAAGCTGCTGCACAGGTTTGAAGAAGATTTGGTGTCCTTAGAGACAGATTGAAGACTCT	827
Db	2693 GGGGAGAGAGCAGAGAGGGCGCAGAGGGGCGCAGAGCAGAGAGGGGCGCAGAGGCGCAGAGCA	2752
Oy	828 CAACTGAGCTGATATAGGCCCAATTAGAACTGAGGTAGGCCCGAGAGGA	878
Db	2753 GCAGGGGCGACAGAGGGGCGCAGAGCAGAGAGGGGCGCAGAGGCGCAGAGCA	2803

```

1      RESULT 22
2      US-07-885-971-15
3      Sequence 15, Application US/07885971
4      Patent No. 532837
5      GENERAL INFORMATION:
6      APPLICANT: Godowski1, Paul J. Lokker, Nathalie A. Mark, Melanie R.
7      TITLE OF INVENTION: HEPATOCYTE GROWTH FACTOR PROTEASE DOMAIN VARIANTS
8      NUMBER OF SEQUENCES: 21
9      CORRESPONDENCE ADDRESS:
10     ADDRESSEE: Genentech, Inc.
11     STREET: 460 Point San Bruno Blvd
12     CITY: South San Francisco
13     STATE: California
14     COUNTRY: USA
15     ZIP: 94080
16
17     COMPUTER READABLE FORM:
18     MEDIUM TYPE: 5.25 Inch, 360 Kb floppy disk
19     COMPUTER: IBM PC compatible
20     OPERATING SYSTEM: PC-DOS/MS-DOS
21     SOFTWARE: patin (Genentech)
22     CURRENT APPLICATION DATA:
23     APPLICATION NUMBER: US/07/885,971
24     FILING DATE: 19920518
25     CLASSIFICATION: 530
26     PRIOR APPLICATION DATA:
27     PRIOR APPLICATION NUMBER:
28     APPLICATION NUMBER:
29     FILING DATE:
30     ATTORNEY/AGENT INFORMATION:
31     NAME: Dreger, Ginger R.
32     REGISTRATION NUMBER: 33,055
33     REFERENCE/DOCKET NUMBER: 779
34     TELECOMMUNICATION INFORMATION:
35     TELEPHONE: 415/225-3216
36     TELEFAX: 415/952-9881
37     TELEFAX: 910/371-7168
38     INFORMATION FOR SEQ. ID NO: 15:
39     SEQUENCE CHARACTERISTICS:
40     LENGTH: 10596 bases
41     TYPE: NUCLEIC ACID
42     STRANDEDNESS: single
43     TOPOLOGY: linear
44
45     US-07-885-971-15

```

Query Match	1.8%	Score 35.8;	DB 1;	Length 10596;
Best Local Similarity	43.9%	Pred. No. 3.3;		
Matches 154; Conservative	0;	Mismatches 197;	Indels 0;	Gaps 0;

[illegible]

D _b	2513	GCAGGAGCAGGAGGAGGGGCCACGAGAGGGCCAGAGAGCGAGAGAGGAGGCGACAGA	257
Q _y	648	GGTGGAGAGATGATTTCAGACACTGGTGTGGCACTCACGGGTGAGCAGCTGCTGT	707
D _b	2573	GCAGAGGGGCGAGAGGGGCCAGAGGAGCAGAGAGGGGCGAGAGCAGGAGGAGAGG	2633
Q _y	708	GTACTGCCTGTCCCTCAAGAAAGATATGANAATCTGAAGAGCTTCGAAGGCCACAG	767
D _b	2633	GCAGAGGGGCGAGAGGGGCCAGAGAGCGCAGACAGAGGCGGACGAGAGGACAGAGA	2699
Q _y	768	GGAATGGCTCACAAGGTTGAAGAAGATTGGTGCTCTTAGAGGACAGTTGAAGCTCT	827
D _b	2693	GGGCGCAGACAGAGAGGGGCCAGAGGGCCAGAGACCAGAGAGGGCAGAGGGGCGAGAGA	2753
Q _y	828	CACACTGAGCTGATCAGGCCAAGTTAGACTGAGGTTCAGCCACAGAGA	878
D _b	2753	GCAGGGCGCAGAGAGGGCCAGAGACAGAGAGAGGGCCAGAGGGGCGAGAGCA	2803

RESULT 23
US-08-087-783A-15
Sequence 15, Application US/08087783A
Patent No. 5547856
GENERAL INFORMATION:
APPLICANT: Godowski, Paul J., Lokker, Nathalie A., Mark, Melanie R.
TITLE OF INVENTION: HEPATOCYTE GROWTH FACTOR VARIANTS
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/087,783A
FILING DATE: 13-Jul-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/884811
FILING DATE: 18-MAY-92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/885971
FILING DATE: 18-MAY-92
ATTORNEY/AGENT INFORMATION:
NAME: Maerschang, Diane L.
REGISTRATION NUMBER: 35,600
REFERENCE/DOCKET NUMBER: P0755779P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5416
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 10596 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-087-783A-15

Query Match	1.88; Score 35.8; DB 1; Length 10596;
-------------	---------------------------------------

Matches 154; Conservative 0; Mismatches 197; Indels 0.
QY 528 GAAGTTCCGTGGAGCAGCGGCAGAGTGAACCAACAAAGTTCGGAGAGAGCCACCAGACT 587
|||||
|||||

Db 2453 GGAGGGGAGAGGGGAGAGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2512
Oy 588 CAAGTGAAGATGAAGAACCATGAGCAAAATTGAGCTCCTACTCCAGAGCCAGCGTTTGA 647
Db 2513 GCAGAGAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2572
Oy 648 GGTGAGAGAGATGATTCAGACATGGGTGTGTGAGACAGTCAAGCGGTGGAGAGCTGGCTGT 707
Db 2573 GCAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2632
Oy 708 GTACTGCTGTCCCTCAAGAAAGATATGAGATCTGAAGCAAGCTCGGAAGGCCACAGG 767
Db 2633 GCAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2692
Oy 768 GGAATGCTGTGACAGTTGAAGAGATTTGGTGTCTCTAGAGACCAAGTTGAAGACTCT 827
Db 2693 GGGGAGAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGCA 2752
Oy 828 CAACACTGAGCTGATGATGAGGCCCAAGTTGAAGACTGAGTCAAGCCAGAAAGGA 878
Db 2753 GGAGGGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGCA 2803

RESULT 26
PCT-US93-04648-15

; Sequence 15, Application PC/TUS9304648
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc., Godowski, Paul J., Lokker, Natalie A., Mark, Melanie F
; TITLE OF INVENTION: HEPATOCTYTE GROWTH FACTOR VARIANTS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 Inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patlin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/04648
; FILING DATE: 19930517
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/884811
; FILING DATE: 18-MAY-92
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/885971
; FILING DATE: 18-MAY-92
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: 755,779P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10596 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US93-04648-15

Query Match 1.88; Score 35.8; DB 5; Length 10596;
Best Local Similarity 43.98; Pred. No. 3.3;
Matches 154; Conservative 0; Mismatches 197; Indels 0; Gaps 0;

Oy 528 GAAGTTCCTGAGAGAGCGGAGAGATGAGACCAACAAAGCTGGGAGAGAGCCACAGCT 587
Db 2453 GGAGGGGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2512
Oy 588 CAAGTGAAGATGAAGAACCATGAGCAAAATTGAGCTCCTACTCCAGAGCCAGCGTTTGA 647
Db 2513 GCAGAGAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2572
Oy 648 GGTGAGAGAGATGATTCAGACATGGGTGTGTGAGACAGTCAAGCGGTGGAGAGCTGGCTGT 707
Db 2573 GCAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2632
Oy 708 GTACTGCTGTCCCTCAAGAAAGATATGAGATCTGAAGCAAGCTCGGAAGGCCACAGG 767
Db 2633 GCAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGCA 2692
Oy 768 GGAATGCTGTGACAGTTGAAGAGATTTGGTGTCTCTTAGAGCAAGTTGAAGACTCT 827
Db 2693 GGGGAGAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGCA 2752
Oy 828 CAACACTGAGCTGATGATGAGGCCCAAGTTGAAGACTGAGTCAAGCCAGAAAGGA 878
Db 2753 GGAGGGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGCA 2803

RESULT 27
US-09-150-133-2

; Sequence 2, Application US/09150133B
; Patent No. 6060295
; GENERAL INFORMATION:
; APPLICANT: The Board of Regents of the University of Oklahoma
; TITLE OF INVENTION: TYROSYLPROTEIN SULFOTRANSFERASES, NUCLEIC ACIDS ENCODING
; TITLE OF INVENTION: TYROSYLPROTEIN SULFOTRANSFERASES, AND METHODS OF USE THEREOF
; FILE REFERENCE: 5820,504
; CURRENT APPLICATION NUMBER: US/09/150,133B
; CURRENT FILING DATE: 1998-09-09
; SOFTWARE: Wordperfect 5.1 (saved in ASCII format)
; SEQ ID NO 2
; LENGTH: 1768
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-150-133-2

Query Match 1.88; Score 35.4; DB 3; Length 1768;
Best Local Similarity 56.48; Pred. No. 1.4;
Matches 66; Conservative 0; Mismatches 51; Indels 0; Gaps 0;

Oy 1827 TGCAGGCTGAGAGACCCGCGCTTGAACCTCTGCCTGCAGCTTATTCCTGAATTT 1886
Db 819 tgaacggtgagatgagaacaccttaagttcctcagaatccatggaacccatcaagtc 878
Oy 1887 ATGGGCTGAGTGTGATGAGGAAGGTGGGGAAGTTTCTGTGTAATAAATAAG 1943
Db 879 gcaccatgaagagatgttgggaaagctggggagtgctctgtcacaagtgaggag 935

RESULT 28
US-09-150-141-2

; Sequence 2, Application US/09150141B
; Patent No. 6071732
; GENERAL INFORMATION:
; APPLICANT: The Board of Regents of the University of Oklahoma
; TITLE OF INVENTION: TYROSYLPROTEIN SULFOTRANSFERASES, NUCLEIC ACIDS ENCODING
; TITLE OF INVENTION: TYROSYLPROTEIN SULFOTRANSFERASES, AND METHODS OF USE THEREOF
; FILE REFERENCE: 5820,495
; CURRENT APPLICATION NUMBER: US/09/150,141B
; CURRENT FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: Wordperfect 5.1 (saved in ASCII format)
; SEQ ID NO 2
; LENGTH: 1768


```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-150-141-2

```

Query Match	1.8%	Score 35.4;	DB 3;	length 1768;
Best Local Similarity	56.4%;	Pred. NO. 1.4;		
Matches 66;	Conservative 0;	Mismatches 51;	Indels 0;	Gaps 0;

QY 1827 TGCAGGCTGGAGACCCCTGGCGTTGAACCTCCTGCCCTCCAGCCTTATTGCTTTGAATTT 1866
|| || || || || || || || || || || || || || || || || || || || ||
Db 819 tgaacgtgtagtgaaacatctttaagtctccagattcatalgaaaccactcagtatt 878

QY 1887 ATGGGCTGAGGTGATGATAGCGAAGAAGTTGGGGAAGTTTCTGTGTAAATAATAAAG 1943
||| ||| ||| ||| ||| ||| ||| ||| |||
Db 879 gcaacatgaagagatgatctgggaaagcttggygaagtgtctctgtcctcaaaagtgcagag 935

RESULT 29
US-09-374-493-2

```

; Sequence 2, Application US/09374493
; Patent No. 6204016
;
; GENERAL INFORMATION:
;
; APPLICANT: The Board of Regents of the University of Oklahoma
; TITLE OF INVENTION: TYROSILPROTEIN SULFOTRANSFERASES AND METHODS OF USE THEREOF
; FILE REFERENCE: 5820, 546
; CURRENT APPLICATION NUMBER: US/09/374,493
; CURRENT FILING DATE: 1999-08-13
; EARLIER APPLICATION NUMBER: 09/150,133
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 60/072,994
; EARLIER FILING DATE: 1998-01-29
; EARLIER APPLICATION NUMBER: PCT/US99/16750
; EARLIER FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: wordperfect 8.0 (saved in ASCII format)
; SEQ ID NO 2
;
; LENGTH: 1768
;
; TYPE: DNA
;
; ORGANISM: Homo sapiens
; US-09-374-493-2

```

Query Match	1.8%;	Score 35.4;	DB 4;	Length 1768;
Best Local Similarity	56.4%;	Pred. No. 1.4;		
Matches 66;	Conservative 0;	Mismatches 51;	Indels 0;	Gaps 0;

Qy 1827 TGCAGGGCTGAGGACCCCTGGCGTTGAACCTCCTGCCCTCCAGCTTATTCGCTTGAAATT 1866
||| ||| ||| ||| ||| ||| ||| ||| |||
Db 819 tgaacgctgtgatgaaacaaccttlaagtctcctccagaattccaatgaaaccactcatgtatt 878

Qy 1887 ATGGGCTGAGCTGCGTCATAGGCGAAGCTTTTCTGCTAAAAATAAAAAG 194
||| | | ||| ||||| | ||| | ||| ||| | | |
Db 879 gcaacatgaagagacgatctggaaagctggggagtgctctctcctcaaaagtvgagag 935

RESULT 30
US-09-374-824-2
; Sequence 2, Application US/09374824

1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 41
 42
 43
 44
 45
 46
 47
 48
 49
 50
 51
 52
 53
 54
 55
 56
 57
 58
 59
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
 70
 71
 72
 73
 74
 75
 76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100
 101
 102
 103
 104
 105
 106
 107
 108
 109
 110
 111
 112
 113
 114
 115
 116
 117
 118
 119
 120
 121
 122
 123
 124
 125
 126
 127
 128
 129
 130
 131
 132
 133
 134
 135
 136
 137
 138
 139
 140
 141
 142
 143
 144
 145
 146
 147
 148
 149
 150
 151
 152
 153
 154
 155
 156
 157
 158
 159
 160
 161
 162
 163
 164
 165
 166
 167
 168
 169
 170
 171
 172
 173
 174
 175
 176
 177
 178
 179
 180
 181
 182
 183
 184
 185
 186
 187
 188
 189
 190
 191
 192
 193
 194
 195
 196
 197
 198
 199
 200
 201
 202
 203
 204
 205
 206
 207
 208
 209
 210
 211
 212
 213
 214
 215
 216
 217
 218
 219
 220
 221
 222
 223
 224
 225
 226
 227
 228
 229
 230
 231
 232
 233
 234
 235
 236
 237
 238
 239
 240
 241
 242
 243
 244
 245
 246
 247
 248
 249
 250
 251
 252
 253
 254
 255
 256
 257
 258
 259
 260
 261
 262
 263
 264
 265
 266
 267
 268
 269
 270
 271
 272
 273
 274
 275
 276
 277
 278
 279
 280
 281
 282
 283
 284
 285
 286
 287
 288
 289
 290
 291
 292
 293
 294
 295
 296
 297
 298
 299
 300
 301
 302
 303
 304
 305
 306
 307
 308
 309
 310
 311
 312
 313
 314
 315
 316
 317
 318
 319
 320
 321
 322
 323
 324
 325
 326
 327
 328
 329
 330
 331
 332
 333
 334
 335
 336
 337
 338
 339
 340
 341
 342
 343
 344
 345
 346
 347
 348
 349
 350
 351
 352
 353
 354
 355
 356
 357
 358
 359
 360
 361
 362
 363
 364
 365
 366
 367
 368
 369
 370
 371
 372
 373
 374
 375
 376
 377
 378
 379
 380
 381
 382
 383
 384
 385
 386
 387
 388
 389
 390
 391
 392
 393
 394
 395
 396
 397
 398
 399
 400
 401
 402
 403
 404
 405
 406
 407
 408
 409
 410
 411
 412
 413
 414
 415
 416
 417
 418
 419
 420
 421
 422
 423
 424
 425
 426
 427
 428
 429
 430
 431
 432
 433
 434
 435
 436
 437
 438
 439
 440
 441
 442
 443
 444
 445
 446
 447
 448
 449
 450
 451
 452
 453
 454
 455
 456
 457
 458
 459
 460
 461
 462
 463
 464
 465
 466
 467
 468
 469
 470
 471
 472
 473
 474
 475
 476
 477
 478
 479
 480
 481
 482
 483
 484
 485
 486
 487
 488
 489
 490
 491
 492
 493
 494
 495
 496
 497
 498
 499
 500
 501
 502
 503
 504
 505
 506
 507
 508
 509
 510
 511
 512
 513
 514
 515
 516
 517
 518
 519
 520
 521
 522
 523
 524
 525

```

: SOFTWARE: WordPerfect 8.0 (saved in ASCII format)
: SEQ ID NO 2
: LENGTH: 1768
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-374-824-2

```

Query Match	1.8%;	Score 35.4;	DB 4;	Length 1768;
Best Local Similarity	56.4%;	Pred. NO. 1.4;		
Matches 66;	Conservative 0;	Mismatches 51;	Indels 0;	Gaps 0;

Qy 1827 TGCAGGCTTGAGGACCCCTGGCGTTGAACTCCTGCCCTGCCTCACGCTTATTGCTTGAATY 1886
||| ||| ||| ||| ||| ||| ||| |||
Db 819 tgaacggtgatgtagaacactcttaagttcccgattccatggaaccaccagtatt 878

Oy 1887 ATGGGTGAGCTGGTGATAGGGAAGGTTTGGCGAAGTTTCTGTGTAAATAATAAAG 1943
 ||| | ||| ||||| | ||| | ||| ||| | ||
 Db 879 gcaccatgaagagatgatctgggaaacctgggggaagtctctctgtcaaaagtgaagag 935

RESULT 31
US-09-374-492-2
; Sequence 2, Application US/09374492

```

? Patent No.6207432
? GENERAL INFORMATION:
? APPLICANT: The Board of Regents of the University of Oklahoma
? TITLE OF INVENTION: MYOGLOBIN SULFOTRANSFERASES AND METHODS OF USE THEREOF
? FILE REFERENCE: 5820,545
? CURRENT APPLICATION NUMBER: US/09/374,492
? CURRENT FILING DATE: 1999-08-13
? EARLIER APPLICATION NUMBER: 09/150,141
? EARLIER FILING DATE: 1998-09-09
? EARLIER APPLICATION NUMBER: 60/072,994
? EARLIER FILING DATE: 1998-01-29
? EARLIER APPLICATION NUMBER: PCT/US99/16750
? EARLIER FILING DATE: 1999-07-23
? NUMBER OF SEQ ID NOS: 45
? SOFTWARE: wordperfect 8.0 (saved in ASCII format)
? SEQ ID NO 2
? LENGTH: 1768
? TYPE: DNA
? ORGANISM: Homo sapiens
? US-09-374-492-2

```

Query Match	1.88;	Score 35.4;	DB 4;	Length 1768;
Best Local Similarity	56.48;	Pred. No. 1.4;		
Matches 66;	Conservative 0;	Mismatches 51;	Indels 0;	Gaps 0

Qy	1827	TCGACGGCTGGAGGACCTGCGCTTGAACCTCCCTGCGCTTCACGCTTATTCGTTGAAATTT	1886
Db	819	TGAACGCTGTGATGTAGAACACTCTCTAAAGTCTCTCCAGATTCATGTGAACCACTCACTGTT	878

QY	1887	ATGGCGTAGGTGGTGATACGGAAAGCTTGGCGAAGTTTCTGTGTAATAATAAAG	1943
Db	879	gcacatgtaagagatgatatggaaagctggggagatgtctctgtcaaaaagtgaag	935

RESULT 32
US-07-794-393-3/c
: Sequence 3, Application US/07794393

Patent No. 5236844
GENERAL INFORMATION:
APPLICANT: CHAMON, PIERRE
APPLICANT: BASSET, PAUL
APPLICANT: BELLOC, ANNE-PIERRE
TITLE OF INVENTION: ANALYTICAL MARKERS FOR MALIGNANT BREAST
TITLE OF INVENTION: CANCER
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1225 Connecticut Ave. NW Suite 300

CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/794,393
FILING DATE: 19911121
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9025326.1
FILING DATE: 21-NOV-1990
ATTORNEY/AGENT INFORMATION:
NAME: GOLDSTEIN, JORGE A
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1383,0040000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 466-0800
TELEFAX: (202) 833-8716
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2260 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: CDS
LOCATION: 11..1486
US-07-794-393-3

Query Match 1.8%; Score 35.4; DB 1; Length 2260;
Best Local Similarity 49.7%; Pred. No. 1.7;
Matches 90; Conservative 0; Mismatches 91; Indels 0; Gaps 0;
QY 366 CGTCAAGCTCAGCTTTCCCAAGAAAGACGAGGAGCCAGGCCATTATGCA 425
DB 1172 CTTGAGAGCCCGAGCTTGAGAGTGTCGACGCGCTTCTCCACCATCATATA 1113
QY 426 CACTCTAGGAGACCCCTGGAAGAACGCAATGCTACCGTGGAGTCCCTACAGAACGCTT 485
DB 1112 CCCAGTACTGAGCACCTTGGAAGAACCAATCTGGCCCTGGGCATCTCAAAAAGCTGCAT 1053
QY 486 AAACAAGGACAGAGTGTGTCTCCACCCCTGAAAAACAGATGAAGTTCTTGAGACAGCG 545
DB 1052 CCACAGGGCTGGGAGTGTCTTGCCAGTCCGACGAGGCCAACAGAGATACCCGGGCTGCA 993
QY 546 G 546
DB 992 G 992

RESULT 33
US-08-001-711-3/C
Sequence 3, Application US/08001711
Patent No. 5484726
GENERAL INFORMATION:
APPLICANT: BASSET, PAUL
APPLICANT: BELLOCQ, JEAN-PIERRE
APPLICANT: CHABON, PIERRE
TITLE OF INVENTION: ANALYTICAL MARKERS FOR MALIGNANT BREAST
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1225 Connecticut Suite 300
CITY: Washington
STATE: D.C.

ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/001,711
FILING DATE: 19930107
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/794,393
FILING DATE: 11-NOV-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9025626.1
FILING DATE: 21-NOV-1990
ATTORNEY/AGENT INFORMATION:
NAME: MILLMAN, ROBERT A
REGISTRATION NUMBER: 36,217
REFERENCE/DOCKET NUMBER: 1383,0040001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)466-0800
TELEFAX: (202)833-8716
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2260 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 11..1486
US-08-001-711-3

Query Match 1.8%; Score 35.4; DB 1; Length 2260;
Best Local Similarity 49.7%; Pred. No. 1.7;
Matches 90; Conservative 0; Mismatches 91; Indels 0; Gaps 0;
QY 366 CGTCAAGCTCAGCTTTCCCAAGAAAGACGAGGAGCCAGGCCATTATGCA 425
DB 1172 CTTGAGAGCCCGAGCTTGAGAGTGTCGACGCGCTTCTCCACCATCATATA 1113
QY 426 CACTCTAGGAGACCCCTGGAAGAACGCAATGCTACCGTGGAGTCCCTACAGAACGCTT 485
DB 1112 CCCAGTACTGAGCACCTTGGAAGAACCAATCTGGCCCTGGGCATCTCAAAAAGCTGCAT 1053
QY 486 AAACAAGGACAGAGTGTGTCTCCACCCCTGAAAAACAGATGAAGTTCTTGAGACAGCG 545
DB 1052 CCACAGGGCTGGGAGTGTCTTGCCAGTCCGACGAGGCCAACAGAGATACCCGGGCTGCA 993
QY 546 G 546
DB 992 G 992

RESULT 34
US-08-077-848A-1
Sequence 1, Application US/08077848A
Patent No. 5470955
GENERAL INFORMATION:
APPLICANT: Craig, Ruth W
TITLE OF INVENTION: ANTIBODIES WHICH SPECIFICALLY BIND mcl-1
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jupas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/077,848A
FILING DATE: 16-JUN-1993
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Ph.D., Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: PD-2845
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3946 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mcl-1
FEATURE:
NAME/KEY: CDS
LOCATION: 61..1110
OTHER INFORMATION: /note= "when nucleotide 740 = C,
OTHER INFORMATION: amino acid 227 = A; when nucleotide 740 = T, amino
OTHER INFORMATION: acid 227 = V."
US-08-077-848A-1
```

```
Query Match 1.88; Score 35.4; DB 1; Length 3946;
Best Local Similarity 79.2%; Pred. No. 2.4;
Matches 42; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
```

```
Oy 1922 GTTTCTGTGAATAAATAAGGATCTTCTTCACAAAAAATAAAAA 1974
Db 3894 GTTTCTGTGAATAAATAAATCTTTATTCAATATAAATAAATAA 3946
```

```
RESULT 35
US-09-211-640-1
Sequence 1, Application US/09211640
Patent No. 6020466
GENERAL INFORMATION:
APPLICANT: Craig, Ruth W.
TITLE OF INVENTION: ANTIBODIES WHICH SPECIFICALLY BIND mcl-1
TITLE OF INVENTION: POLYPEPTIDE
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/211,640
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/441,375
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Ph.D., Lisa A.
```

```
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: PD-2845
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3946 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mcl-1
FEATURE:
NAME/KEY: CDS
LOCATION: 61..1110
OTHER INFORMATION: /note= "when nucleotide 740 = C,
OTHER INFORMATION: amino acid 227 = A; when nucleotide 740 = T, amino
OTHER INFORMATION: acid 227 = V."
US-09-211-640-1
```

```
Query Match 1.88; Score 35.4; DB 3; Length 3946;
Best Local Similarity 79.2%; Pred. No. 2.4;
Matches 42; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
```

```
Oy 1922 GTTTCTGTGAATAAATAAGGATCTTCTTCACAAAAAATAAAAA 1974
Db 3894 GTTTCTGTGAATAAATAAATCTTTATTCAATATAAATAAATAA 3946
```

```
RESULT 36
US-09-378-536-1
Sequence 1, Application US/09378536
Patent No. 6200763
GENERAL INFORMATION:
APPLICANT: Craig, Ruth W.
TITLE OF INVENTION: ANTIBODIES WHICH SPECIFICALLY BIND mcl-1
TITLE OF INVENTION: POLYPEPTIDE
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,536
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/077,848
FILING DATE: 16-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Ph.D., Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: PD-2845
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3946 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
```

STANDARD. NO AFFIDAVIT.

```
; APPLICANT: Dillon, David C.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FO
; NUMBER OF SEQUENCES: 224
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98104
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/030.607
; FILING DATE: 25-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.427C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 153:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 285 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
; US-09-030-607-153

Query Match          1.8%; Score 35.2; DB 4; Length 285;
Best Local Similarity 54.7%; Pred. No. 0.53;
Matches 70; Conservative 0; Mismatches 58; Indels 0; Gaps 0;

QY 533 TCCTGGAGCAGCGGCGAGATGAGACCAACAAGCTCGGAGAGGCCGCCAGCTCAAGT 592
    ||| |||| ||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 213 TCAGAGAGCGGCGCGCCACCTCACTAGCCAGGGGTGTGATGACTTCTCCAAGCCAGG 154

QY 593 GCAAGATGAAGAACCATGGAGCAATTGAGCTCCTACTCCAGAGCCAGCGTTCTGAGGTG 652
    |||| ||| ||| ||| |||| |||| |||| |||| |||| |||| |||| ||||
Db 153 CCAAGTCCAAGACTTTGAGACTTTATGTGATGTCTCTGCTGAGCGAGGATAAAATGTA 94

QY 653 AGGAGATG 660
    |||| ||
Db 93 AAGAGTTG 86

RESULT 40
US-09-439-313-153/C
; Sequence 153, Application US/09439313
; Patent No. 6329505
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, David C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Harlocker, Susan Louise
; APPLICANT: Jiang Yuqun
; APPLICANT: Reed, Steven G.
; APPLICANT: Kalos, Michael
; APPLICANT: Fanger, Gary
; APPLICANT: Retter, Mark
; APPLICANT: Solk, John
; APPLICANT: Day, Craig
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
```

```
; FILE REFERENCE: 210121.427C9
; CURRENT APPLICATION NUMBER: US/09/439.313
; CURRENT FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 575
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 153
; LENGTH: 285
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc-feature
; LOCATION: (1)..(285)
; OTHER INFORMATION: n = A,T,C or G
;
; US-09-439-313-153
```

```
Query Match          1.8%; Score 35.2; DB 4; Length 285;
Best Local Similarity 54.7%; Pred. No. 0.53;
Matches 70; Conservative 0; Mismatches 58; Indels 0; Gaps 0;

QY 533 TCCTGGAGCAGCGGCGAGATGAGACCAACAAGCTCGGAGAGGCCGCCAGCTCAAGT 592
    ||| |||| ||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 213 TCAGAGAGCGGCGCGCCACCTCACTAGCCAGGGGTGTGATGACTTCTCCAAGCCAGG 154

QY 593 GCAAGATGAAGAACCATGGAGCAATTGAGCTCCTACTCCAGAGCCAGCGTTCTGAGGTG 652
    |||| ||| ||| ||| |||| |||| |||| |||| |||| |||| |||| ||||
Db 153 CCAAGTCCAAGACTTTGAGACTTTATGTGATGTCTCTGCTGAGCGAGGATAAAATGTA 94

QY 653 AGGAGATG 660
    |||| ||
Db 93 AAGAGTTG 86
```

Search completed: September 4, 2002, 13:53:31
Job time: 12865 sec

• • • •